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21 Feb

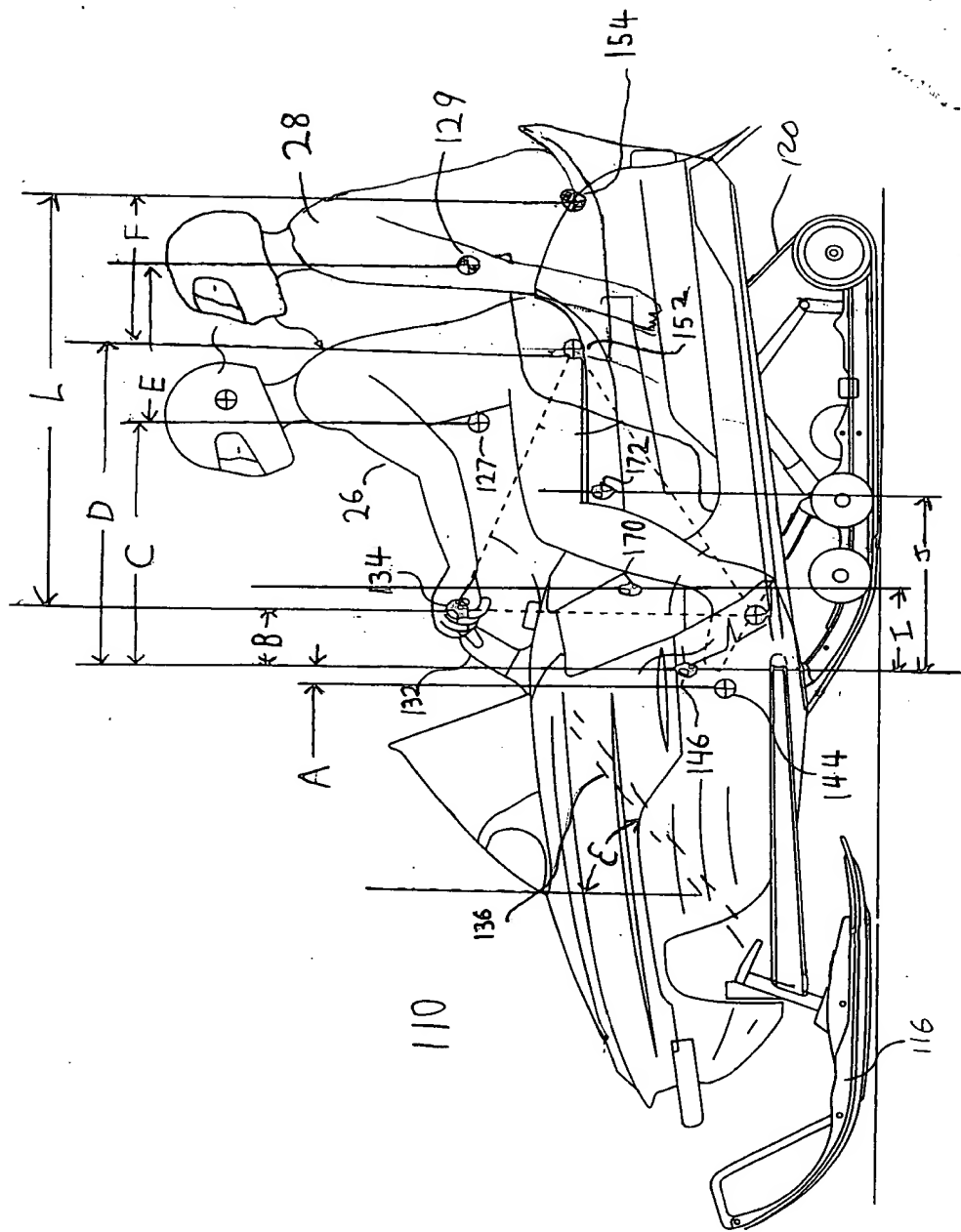
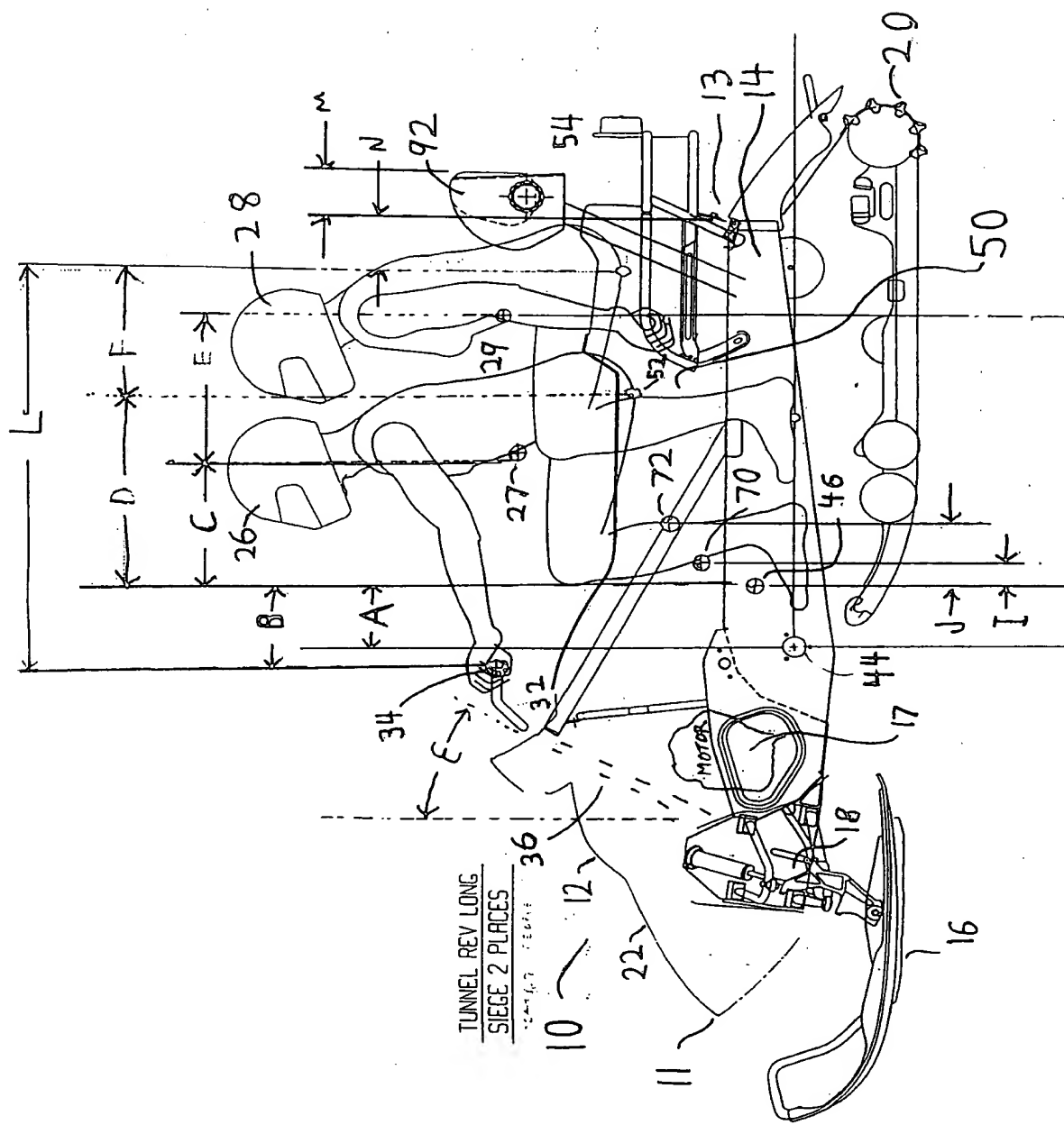


FIG. 1 PRIOR ART

FIG 2



TUNNEL REV LONG
SIEGE 2 PLACES

FIG. 5 is a side view of the vehicle 10 showing the longitudinal frame 17 and the track 18. The vehicle 10 is shown in a side view, with the longitudinal frame 17 and the track 18 clearly visible. The track 18 is shown as a series of links connected by pins, and the longitudinal frame 17 is shown as a series of longitudinal members. The vehicle 10 is shown in a side view, with the longitudinal frame 17 and the track 18 clearly visible. The track 18 is shown as a series of links connected by pins, and the longitudinal frame 17 is shown as a series of longitudinal members.

FIG 5

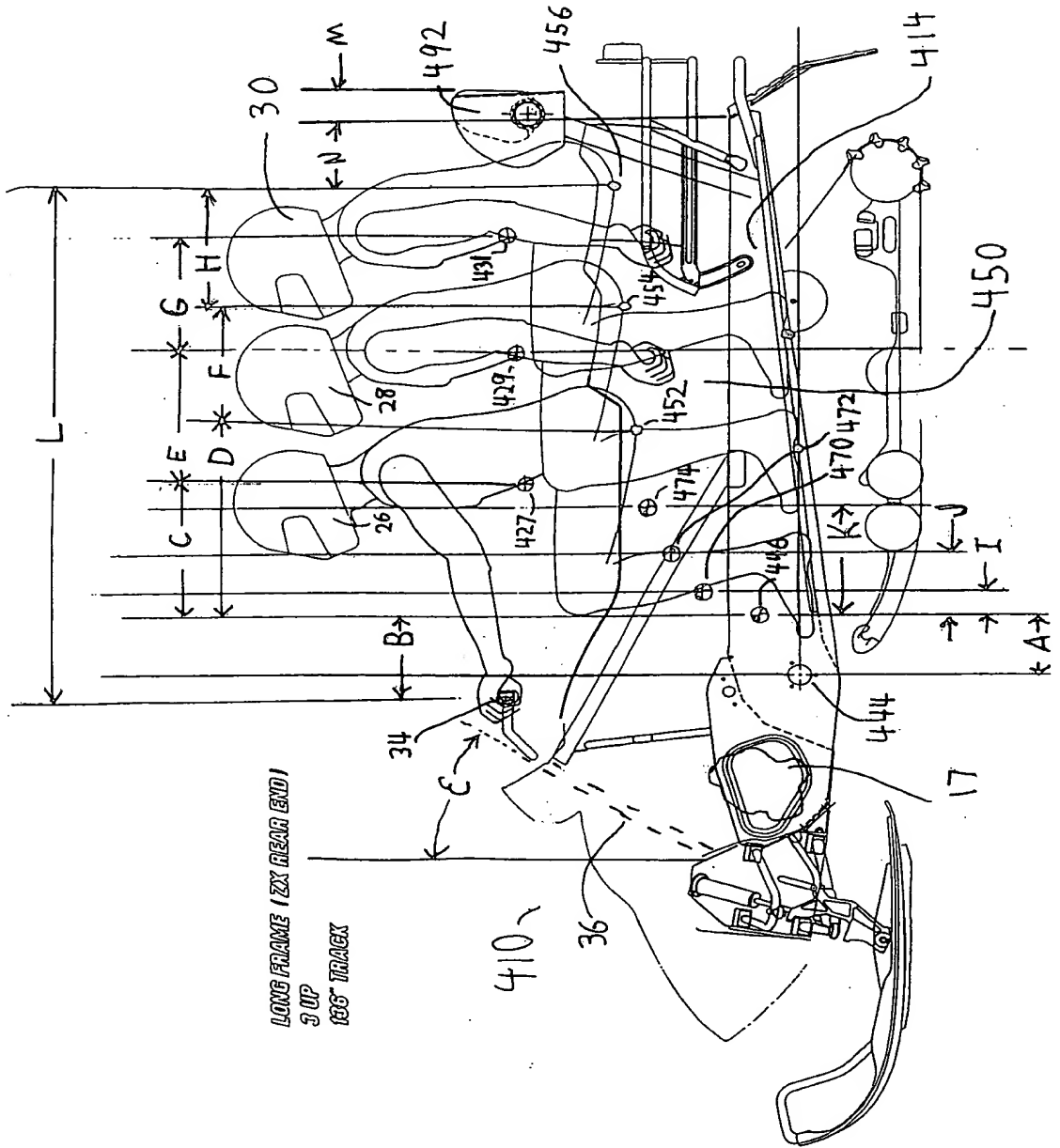
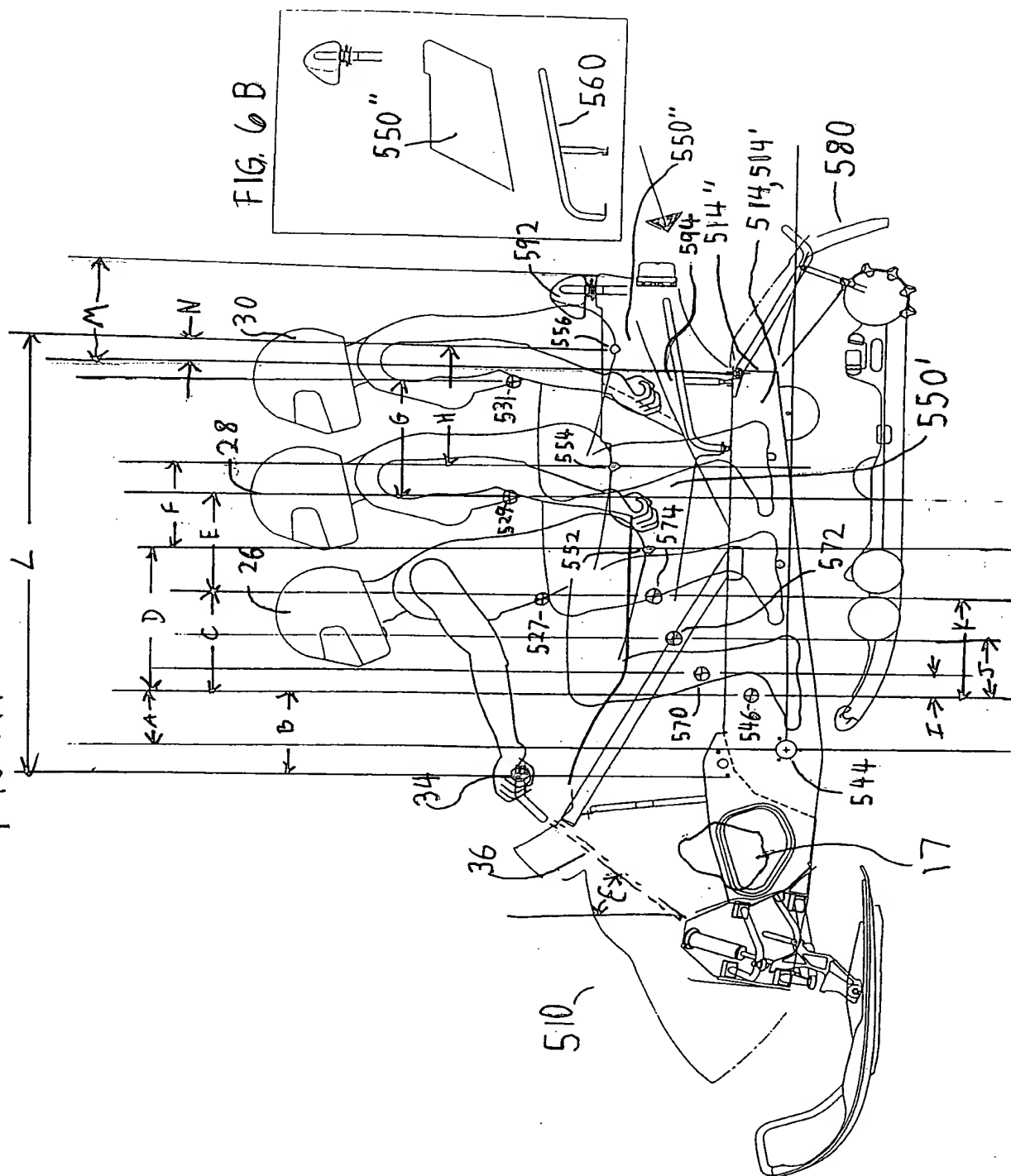


FIG. 6B



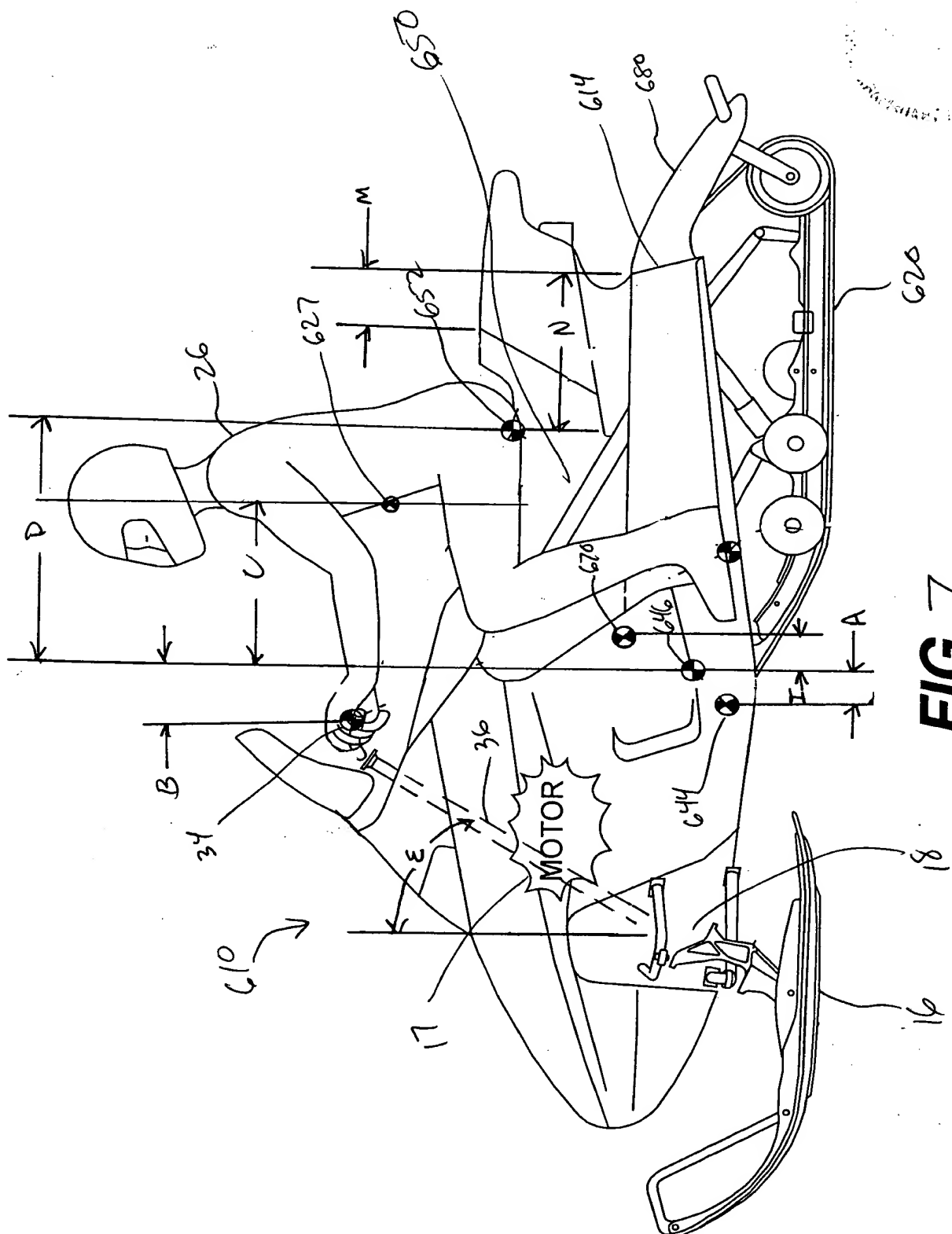
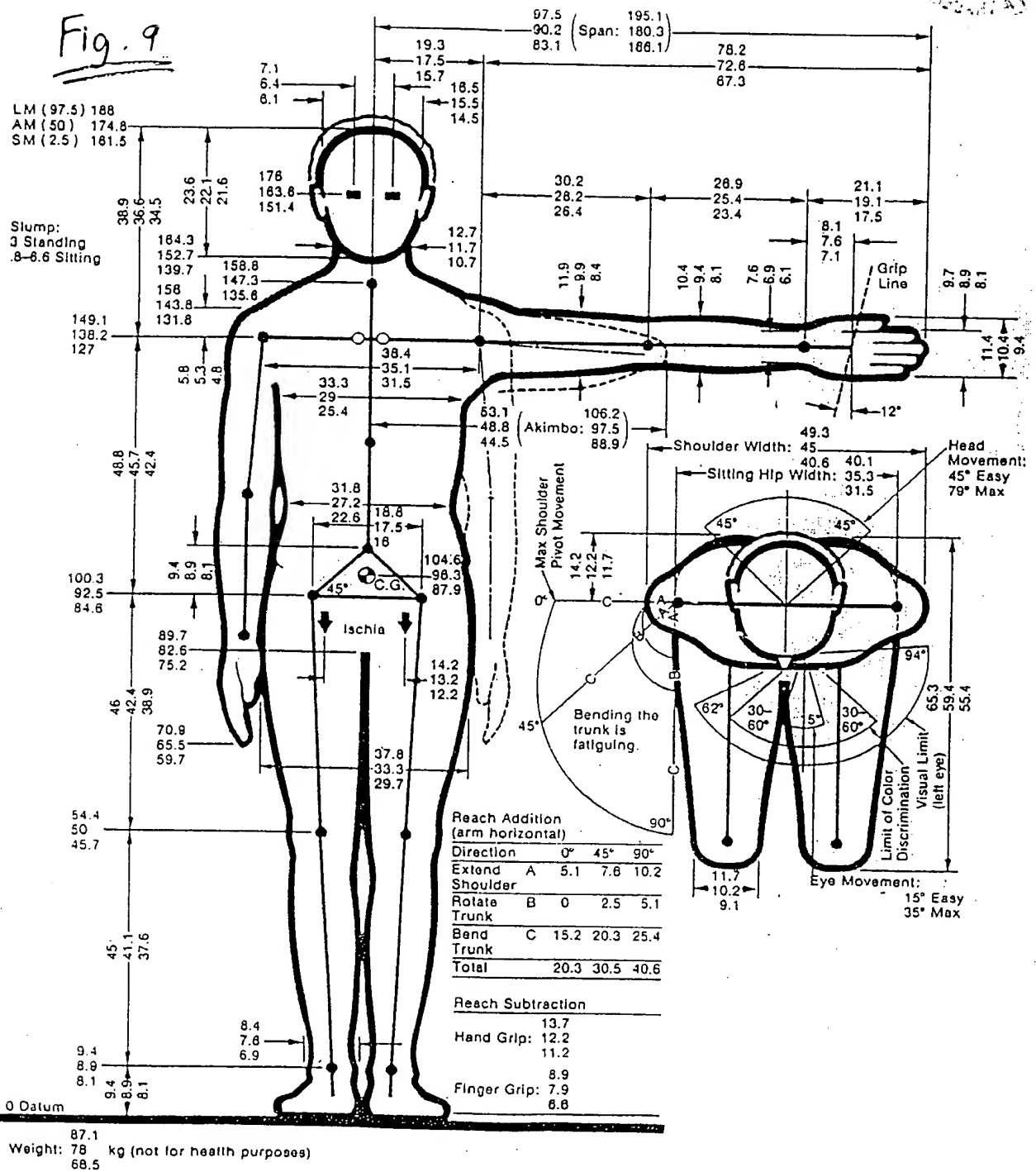


FIG. 7

Distance (mm)			VEHICLE INVENTION							
ref.#	from:	to (going back):	Conventional		1st Embodiment 2-up Long (FIG. 2)	2nd Embodiment 2-up Short (FIG. 3)	3rd Embodiment 1+1 Short (FIG. 4A)	4th Embodiment 3-up Long (FIG. 5)	5th Embodiment 2+1 Long (FIG. 6A)	6th Embodiment 1-Up (FIG. 7)
			Long	Short						
A	forward axle	CG(vehicle)	110	30	65	95	95	170	170	95
B	steering pos.	CG(vehicle)	-160	-240	130	160	160	235	235	160
C	CG(vehicle)	CG(rider 1)	645	725	350	320	320	245	245	320
D	CG(vehicle)	seat pos (1)	795	875	500	470	470	395	395	470
E	CG (rider 1)	CG(rider 2)	370	370	370	370	370	370	370	N/A
F	seat pos(1)	seat pos(2)	340	340	340	340	340	340	290	N/A
G	CG(rider 2)	CG(rider 3)	N/A	N/A	N/A	N/A	N/A	310	345	N/A
H	seat pos(2)	seat pos(3)	N/A	N/A	N/A	N/A	N/A	310	345	N/A
I	CG(vehicle)	CG (V+1 rider)	180	160	70	50	50	60	70	50
J	CG(vehicle)	CG (V+2 riders)	290	280	175	190	190	170	170	N/A
K	CG(vehicle)	CG (V+3 riders)	N/A	N/A	N/A	N/A	N/A	300	300	N/A
L	steer pos.	rear seat pos.	975	975	970	970	970	1280	1265	N/A
M	back of frame	back of seat	-50	0	100	-100	230	60	290	-110
N	back of frame	rear seat pos.	-290	-120	-130	-340	80	-200	60	-260
Angles (degrees)										
epsilon vert. and steering shaft			>=45	>=45	ALL < 45, preferably 25-40, more preferably 30-35, most preferably 33					

FIGURE 8

Fig. 9



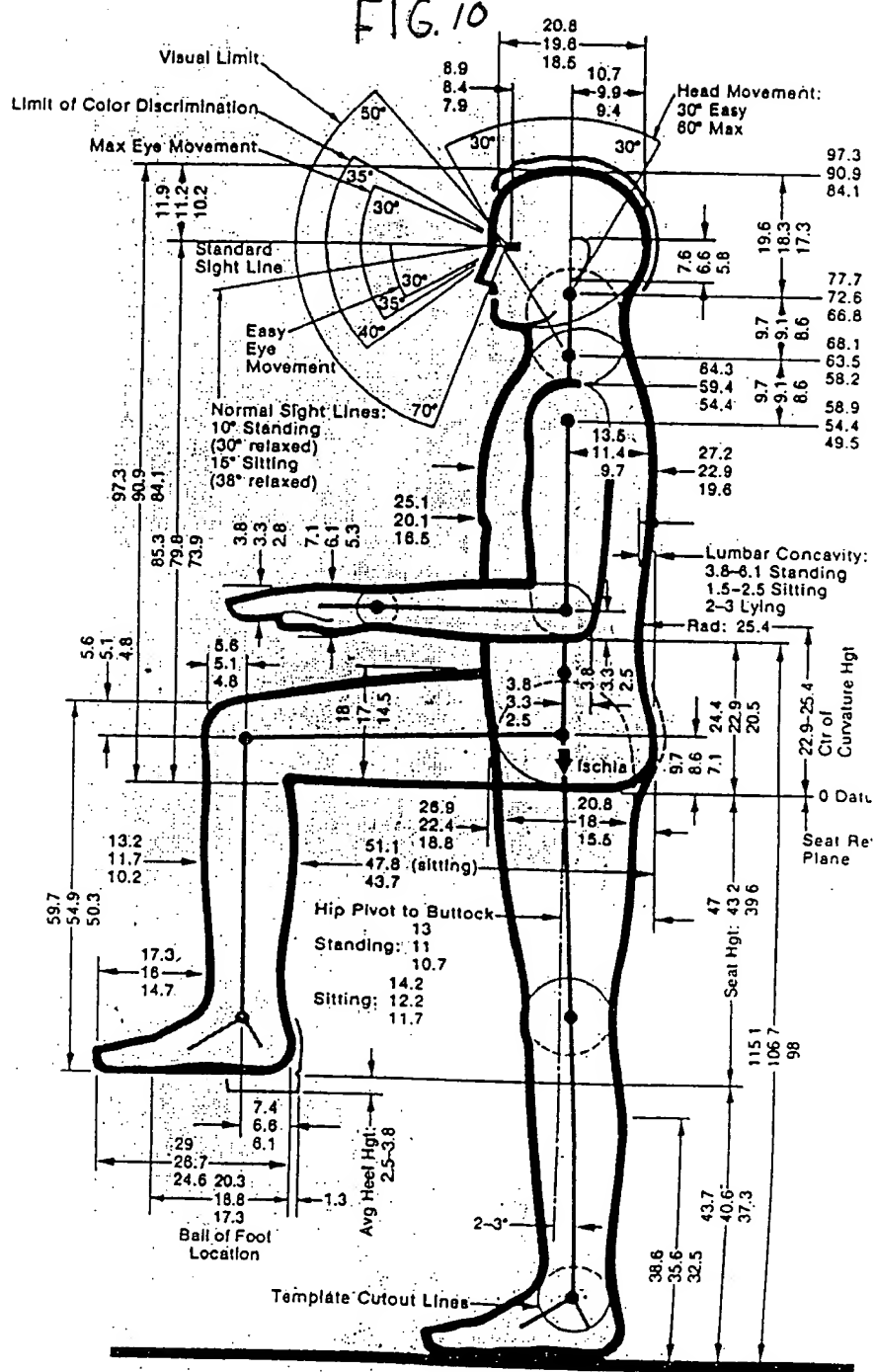


FIG. 11 A

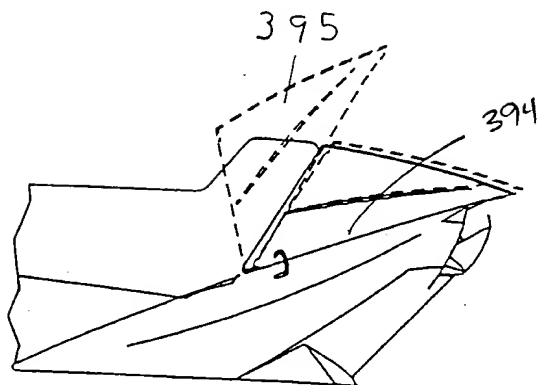


FIG. 11 B

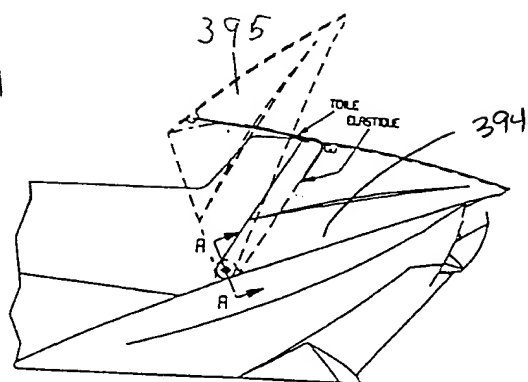


FIG. 11 C

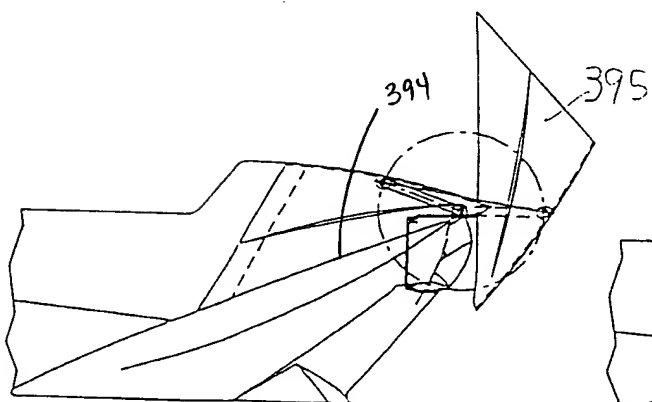


FIG. 11 D

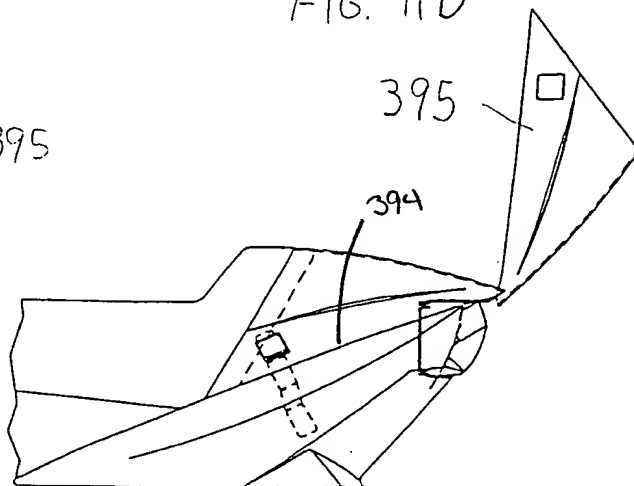


FIG. 12A

FIG. 12A

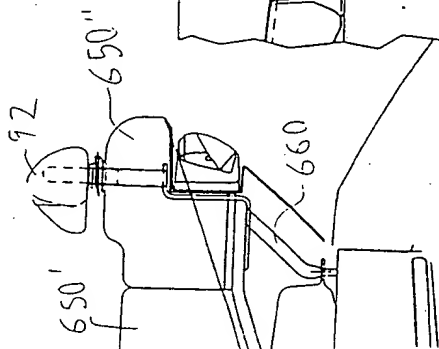


FIG. 12B

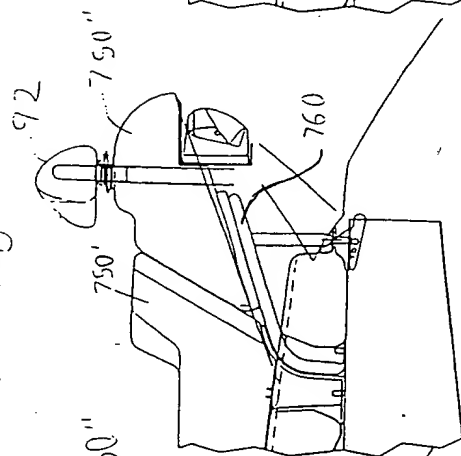


FIG. 12C

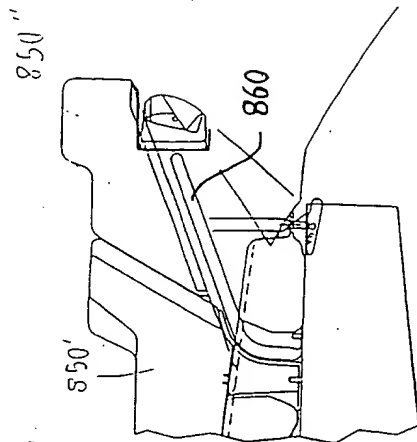


FIG. 12D

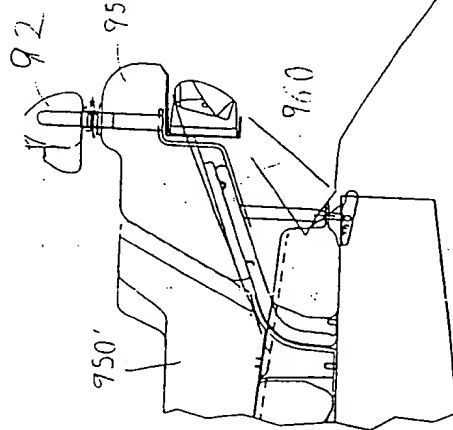


FIG. 12E

